

20020806.qrp v02_n639.qrl.20020806

Date: Tue, 6 Aug 2002 19:03:13 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2639

QRP-L Digest 2639

Topics covered in this issue include:

- 1) [131571] another "Rock-Mite files", update
by "Rod N0RC" <rod@n0rc.us>
- 2) [131572] QRP-Lmers
by "Tracy Markham" <tracy@bytemark.com>
- 3) [131573] Moving sale continues...
by "Hudson, Steve (RBI-US CMD)" <sdhudson@reedbusiness.com>
- 4) [131574] OT: Free barcode reader from Radio Shack
by "Kevin M., KC8SFJ" <adverseyaw@twmi.rr.com>
- 5) [131575] SMK1 unbuilt kit wanted
by "johngabbard" <johngabbard@usintouch.com>
- 6) [131576] Re: Porta Paddle delivery
by Michael McCarty <k6mmc.qrp@thehunted.net>
- 7) [131577] Young operator's 8Q7ZZ DXpedition - Go get 'em!
by John Harper AE5X <ae5x@qsl.net>
- 8) [131578] Rock Mite Delight!
by Lew Paceley <lew@paceley.com>
- 9) [131579] 10AA battery holder?
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 10) [131580] RE: 10AA battery holder?
by Conrad Weiss <radman@best.com>
- 11) [131581] Re: QRP-Lmers
by George Fremin III - K5TR <geoiii@kkn.net>
- 12) [131582] NorCal's URL
by "Jerry Parker" <qrp-radio@charter.net>
- 13) [131583] Re: Performance of AEA or MFJ Loop.
by Rick McKee <kc8aon@juno.com>
- 14) [131584] Re: Slinky Supplies
by "Thomas Tate" <t.r.tate@worldnet.att.net>
- 15) [131585] Re: Performance of AEA or MFJ Loop.
by David J Adams <david@theadamsclan.com>
- 16) [131586] Rock Mite Nite?
by "ss lyon" <sslyon@megalink.net>
- 17) [131587] Re: K2 verses R 390A
by Wa4aos@aol.com
- 18) [131588] Re: Slinky Supplies
by Pete Burbank <plburbank@kih.net>
- 19) [131589] I just rocked all you sapps!!!!!!

by "G. Brandon Hoyt" <preacher102677@juno.com>

20) [131590] QRPacificon Building Contest Announcement
by "Doug Hendricks" <ki6ds@dospalos.org>

21) [131591] RE: NorCal VXO Contest Kit
by "Doug Hendricks" <ki6ds@dospalos.org>

22) [131592] Re: Performance of AEA or MFJ Loop.
by Ade Weiss W0RSP <adeweiss@sd.value.net>

23) [131593] Re: [GQRP] Re: NE612 as colpitts 4Mhz xtal osc
by George Gingell <k3tks@u1.abs.net>

24) [131594] Porta Paddle - Quick Review
by "Dave Fifield" <dave@redhotradio.com>

25) [131595] HB: New Gizmos
by Monty N5FC <n5fc@io.com>

26) [131596] Spartan Sprint
by Jim Cluett <w1pid@yahoo.com>

27) [131597] Re: HB: New Gizmos
by "Karl F. Larsen" <k5di@zianet.com>

28) [131598] RE: New Gizmos - Zero Beating
by Karl Kanalz <kkanalz@gcecispc.com>

29) [131599] Re: Spartan Sprint
by "Rod N0RC" <rod@n0rc.us>

30) [131600] More Spartan Sprint
by "Jeff Davis" <ke9v@att.net>

31) [131601] I Just Put You In My Kill File! (Was: I just rocked all you
sapps!!!!!!
by Chris Trask <ctrask@primenet.com>

32) [131602] Re: Rock-Mite Night/ARS SP!!!
by "Rod N0RC" <rod@n0rc.us>

33) [131603] Re: New Gizmos - Zero Beating
by Ray Sills <raysills@1stconnect.com>

34) [131604] Michigan QRP Net tonight
by kwiike@gdls.com

35) [131605] Rock-Mite Update
by Chuck Adams <k7qo@earthlink.net>

36) [131606] Re: Spartan Sprint
by Bruce Rattray <rattray@gpfn.sk.ca>

37) [131607] Re: Rock-Mite Update
by "Tim, N9PUZ" <n9puz@arrl.net>

38) [131608] RE: ARRL Antenna Book 19th Edition
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>

39) [131609] RE: ARRL Section News
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>

40) [131610] End fed wire antenna
by "Karl F. Larsen" <k5di@zianet.com>

41) [131611] NorCal VXO Contest
by "Doug Hendricks" <ki6ds@dph.dpol.net>

42) [131612] Spartan Sprint Condx
by "Jim Stamper" <jstamper@shentel.net>

- 43) [131613] NO NO NEQRP SSB NET tonight
by "Ronald A Pfeiffer" <Ronald_A_Pfeiffer@raytheon.com>
- 44) [131614] Spartan Sprint from WV
by Garie Halstead <k8kfj@ntelos.net>
- 45) [131615] Re: End fed wire antenna
by Bill ROWLETT <kc4atu@yahoo.com>
- 46) [131616] QST Article Assistance
by Chris Trask <ctrask@primenet.com>
- 47) [131617] End fed wire antenna coupling
by "W2WU" <w2wurjj@verizon.net>
- 48) [131618] Re: Young operator's 8Q7ZZ DXpedition - Go get 'em!
by aluscre <aluscre@neo.rr.com>
- 49) [131619] Re: End fed wire antenna coupling
by Bill ROWLETT <kc4atu@yahoo.com>
- 50) [131620] Re: End fed wire antenna
by David Hinerman <WD8CIV@worldnet.att.net>
- 51) [131621] RE: NO NO NEQRP SSB NET tonight
by "Dave Richards" <wr3i@earthlink.net>
- 52) [131622] Re: End fed wire antenna
by brian@iquest.net

Date: Mon, 5 Aug 2002 16:55:36 -0600
From: "Rod N0RC" <rod@n0rc.us>
To: "cqc-1" <CQCLIST@yahoogroups.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [131571] another "Rock-Mite files", update
Message-ID: <001d01c23cd3\$36ea3580\$6501a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks,

Ken, K3IU, sent pictures of his fine looking "RI Rock-Mite", for display on "the Rock-Mite files", check it out at:

<http://www.radioactivehams.com/~n0rc/rm/>

Do you "Rock-Mite"? If so please consider sending me you Photos, stories, building tips...whatever for inclusion in, "the Rock-Mite files". Details at:

http://www.radioactivehams.com/~n0rc/rm/Stories/The_Rock-Mite_Files.txt

73, Rod N0RC

Date: Mon, 5 Aug 2002 16:02:37 -0700
From: "Tracy Markham" <tracy@bytemark.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [131572] QRP-Lmers
Message-ID: <GNEOLGDJDOPEALHJMKLC EE FJCIAA.tracy@bytemark.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Some time ago I stuck that word in a thank you to the group. It's kinda stuck on me, grown in.

I like the term QRP-Lmer. It gave me a thought.

What if there were a page up somewhere, with a list of 'QRP-Lmers' and their specialties, and a form where one could type in a question, and the QRP-Lmer (if he chooses) could respond. I say use a form so that we're not posting emails on pages for the guys to get spam-slammed.

I've seen other 'self-help' type groups do similar, and it seems to work.

Just a thought
Tracy N4LGH

Date: Mon, 5 Aug 2002 19:33:41 -0400
From: "Hudson, Steve (RBI-US CMD)" <sdhudson@reedbusiness.com>
To: qrp-l@lehigh.edu
Subject: [131573] Moving sale continues...
Message-ID: <A7E30DBD5928D442A7AE9EF215EEE133019764E6@BINCMDGNOREXC02>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

Pre-moving clean-up continues; thus more gear, parts etc. offered for sale. All plus shipping from 30004, except some group prices include shipping as noted.

Thanks,

Steve Hudson AA4BW

QRP RIGS

Small Wonders SW-30+ transceiver, for 30 meters, neatly built into extremely rugged diecast aluminum enclosure by me. Includes neatly built homebrew implementation of the SWL RIT circuit using the 4066 IC. On back are center-post coaxial power jack, BNC for RF, miniature phone jacks for key and audio, and a quarter-inch stereo jack installed with an eye toward eventually adding a keyer (no keyer installed). With manual. Works perfectly. \$95.

Small Wonders Lab White Mountain 20-meter SSB transceiver, neatly built into extremely rugged diecast aluminum enclosure by me. Includes Morse frequency enunciator, activated by push button mounted on case. Also includes the recommended Radio Shack speaker mike, fitted with three-conductor quarter-inch plug. Rig tunes with ten-turn pot. On back are BNC antenna and coaxial-style power connector. The volume control, on the front, includes an on-off switch; the switch is not presently implemented but could be used as a power on-off switch if desired. With manual. A very neat rig that works perfectly - just finished talking to a number of Boy Scouts "up north" to help them finish their radio merit badge -- I'm selling this one only because I find I simply don't use SSB! \$145.

Century 21 CW transceiver. Covers 80-40-20-15-10, CW only transmit. Built-in audio filter. With Tentec accessory crystal calibrator and Tentec manual. Very good condition, works perfectly; in daily use here - if you've worked me in the last few years on a band other than 30 it's probably been this rig. Power output is front panel adjustable down to zero. \$135

METERS

Meter. A "W.S. No. 19 Voltmeter" made by Simpson Electric Co., according to the logo embossed on the back. The scale is calibrated 0-15 and 0-600. On the lower left side of the scale it reads "Model 125" and on the lower right it reads "6323". I checked the movement and it works, but it does not read voltage directly...apparently a dropping resistor was used. The meter is in a black round case 2.75 inches in diameter and mounts in a 2.25 inch round hole. \$4

Meter. Lafayette, 0-10 volts. Works fine. Extra set of contacts at top; not sure what they're for. Rectangular face about two and three-eighths wide by

one and three-quarters deep. Mounts in 1.5-inch hole. Matches 201 above. \$4.

Meter, edge mount, labeled "EMICO." An S-meter, reads 1-9 and to 60 db. Mounts in 1.75x0.75 rectangular hole. Screw terminals. \$4

Meter, Allied Electronics, 0-100 dc microamps. Brand new in box. Very nice. Square face about 2.5x2.25, mounts in round hole about 2 in. dia. \$5.

Meter, 0-1 ma dc, tiny! Meter face is just under 1.25 in. square, mounts in 1-in. round hole with a large plastic nut on the threaded case. \$4

Meter, edge mount, 500 ua scale calibrated 1-9. New. \$3.

-- all six meters as a group, shipped lower 48, \$26.

VARIABLE CAPACITORS

Variable capacitor. 1.5-inch dia plates, quarter inch centered shaft. Panel mount. Brass colored shaft, phenolic front frame. Seven rotor plates, seven stator plates. No manufacturer name that I can find. \$3

Variable capacitor. Plates about 1.25 inches in diameter, centered quarter inch shaft, panel mount. Ceramic front and rear frame. Four rotor plates, three stator plates. Panel mount. \$4

Variable capacitor. Hammarlund HF15, quarter inch shaft, panel mount or mount via threaded foot. A small air-wound coil is soldered across this one; it could be easily removed. \$4

Variable capacitor. Hammarlund MC20S. 1.5 inch dia plates, centered quarter inch shaft. One rotor plate, two stator plates. Threaded for panel mount or mounts via two feet with threaded holes. \$4

Variable capacitor. Hammarlund, brass plates, ceramic frame. Two threaded mounting holes in feet, also threaded for panel mounting. Quarter-inch centered shaft. Total of five plates, plate spacing about 1/16 inch, plates 1.5 inches in diameter. Solder on lugs indicates it has been used, otherwise in very good condition. \$6.

Variable capacitor. An unusual Cardwell unit. Split stator differential type, plates 1.25 inches in diameter with centered quarter inch shaft. Panel mount. One section has total of 11 plates (6 rotor, 5 stator); other stator section has two plates. As one section is opened, other closes. Ceramic front and rear frame. \$6.

Variable capacitor. 1.5 inch dia plates. 10 rotor, 9 stator plates. Quarter inch centered shaft. Panel mount or mounts via two feet with threaded holes.

Looks like about 23 plates per inch spacing. Ceramic front and rear frame.
\$6.

-- all seven above variable caps as a group, shipped lower 48, \$33.

HAM CRYSTALS, all in CR27U type metal cases. Each checked good just now. \$4 each

1 ea 1802.6 kHz
1 ea 3683 kHz
2 ea. 3716.667 kHz.
8 ea. 3733.333 kHz.
3 ea. 3766.667 kHz.
2 ea. 3783.333 kHz
2 ea 3800 kHz.
2 ea. 3900 kHz.
1 ea 7235.3 kHz.
1 ea 7250 kHz.
1 ea. 14000 kHz.

All 24 crystals as a batch, \$56 shipped lower 48.

PILOT LAMPS:

#1819 lamp. Bayonette base, 15 pcs. \$3
#1819 lamp. Bayonette base. 15 additional pcs. \$3
#1819 lamp. Bayonette base. 24-plus pcs. \$4
One jar of what appears to be NE-2 style bulbs. Many are coded with green and red dots. Wire leads. Jar measures 3.25x2 and is full. NOS. \$6 for jar.
Another jar of what appears to be neon bulbs. Various base styles. Quick inspection shows many GE 2Ds, plus others. Jar is about 3.25x2 and is just over half full. \$3
Another jar almost completely full of GE327s with some 334s and perhaps others. \$5

- - All the above pilot lamps \$17 shipped lower 48

SEMICONDUCTORS

Bag of about 15 1N4004 diodes. \$1
Bag of 12 pcs Motorola MC358AG ICs. \$2
Bag of 7 pcs Motorola MC357G ICs. \$2
Hybrid amplifiers, appear to be new: 4 ea MHW1184, 4 ea MHW5382A, 5 ea MHW5272A, 4 ea MHW5342A, and 4 ea MHW5142A. For all 21 pcs, \$9
2N2405 transistors. Bag of 12. New. \$3
2N2405 transistors. Another bag of 12. New. \$3

2N2405 transistors. Another bag of 12. New. \$3
2N2405 transistors. Another bag of 12. New. \$3

For all above semiconductors, \$20 shipped in lower 48

CONNECTORS:

Bag of "Subminiature RF Connectors" by Sealelectro Corporation. These appear to be gold-plated. Looks like three male connectors and one right-angle connector. Otherwise, details unknown. \$1

REDUCTION DRIVES

Jackson Bros. two-speed drive unit. Appears to be 6:1 reduction, with a half turn of the shaft providing perhaps 12:1 before 6:1 kicks in again. Quarter inch shaft front, quarter inch coupler rear. Very smooth. \$14

Vernier drive unit. Nittei 50 mm 8:1 reduction drive. Calibrated scale reads 0 at full CCW and 100 at full CW. Very smooth unit. Quarter inch coupler rear. \$10.

National Velvet 5:1 vernier reduction drive. Quarter inch shaft on front, quarter inch coupler with quarter inch shaft presently mounted therein. \$9

-- all three reduction drive units together, \$32 shipped in lower 48

KITS

Electronic Rainbow OSC-2 Code Practice Oscillator kit. New, unbuilt, unopened. \$4

ANTENNA ITEMS:

Van Gorden Engineering D-20 20-meter dipole antenna kit. Includes wire, rope, end insulators, and H-Q Balun Center Insulators. New in unopened bag. \$15

EQUIPMENT and ASSEMBLIES

Mystery converter. Looks like an Ameco but the label's fallen off. BNC input and output. Engraved in one end is "14-18 IF". No crystal in ceramic crystal socket. Tubes in sockets are 6U8, 6BS8 and 6J6. All have shields. Inside of unit is beautiful. \$2

"LED Voltmeter" board, built, model "VM-3" by ...? Small board with three LEDs (red, yellow, green) that (according to the schematic with 'em) indicate 11, 12, 13 volts. With copy of schematic, \$1.

Another "LED Voltmeter" board, built, model "VM-3" by ...? Small board with three LEDs (red, yellow, green) that (according to the schematic with 'em) indicate 11, 12, 13 volts. With copy of schematic, \$1.

Yet another "LED Voltmeter" board, built, model "VM-3" by ...? Small board with three LEDs (red, yellow, green) that (according to the schematic with 'em) indicate 11, 12, 13 volts. With copy of schematic, \$1.

MISCELLANEOUS

Bag of "A-B Type G" trimpots. Eleven pieces. These mount in a quarter inch (I'd guess) hole and are screwdriver adjust via a metal shaft. A lock nut secures after adjustment. NOS. Various values. \$2

Bag of crystals. All in metal holders, half-inch pin spacing. Frequencies: 1244.6, 12.586, 1768.5, 2425.4, 6577.1, 2419.2, 3115.6, 1718.9, 3103.2, 11990.0, 5866.4, 2332.4, 5919.1, 5.8974, 5.6030, 1278.7, 5.6247. \$3

Book "A Beginner's Guide to OSCAR-13." Like new. \$3.

Date: Mon, 5 Aug 2002 19:39:03 -0400
From: "Kevin M., KC8SFJ" <adverseyaw@twmi.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [131574] OT: Free barcode reader from Radio Shack
Message-ID: <000f01c23cd9\$48703c40\$45f5d018@magnus>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,

Ok, this is way off topic. A while back (2000 I believe) Radio Shack was offering for free a barcode scanner, :CueCat. I was trying to get one tonight, calling all around to the local Radio Shacks, and came up empty. It seems that all the stores were told to throw the stock they had left away five months ago, in March of '02. I am gambling on the premise that someone on this list still has one sitting around that they aren't doing anything with. Or maybe someone happened to be walking by a dumpster and found 500 of them and doesn't need them all. If you have

one you aren't using please let me know off list. I will pay for the shipping of course.

Thanks, and sorry for being so offtopic.

73,

Kevin, KC8SFJ

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|=====|
| QRP-L      #2366 - member since October/2001 |
| QRP-ARCI   #11248 - member since May/2002    |
| FISTS      #9293 - member since July/2002     |
| HR          - member since September/1965    |
|=====|
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AdverseYaw@twmi.rr.com <-- My email address

AdverseYaw@bigfoot.com <-- My forwarding address

Quote of the day--

Those who make peaceful revolution impossible will make violent
revolution inevitable - J.F. Kennedy

Date: Mon, 5 Aug 2002 17:04:43 -0700

From: "johngabbard" <johngabbard@usintouch.com>

To: <qrp-l@lehigh.edu>

Subject: [131575] SMK1 unbuilt kit wanted

Message-ID: <00a301c23cdc\$deacbf50\$3f811c0c@juanita>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Anyone have one they want to part with???NorCal 20 unbuilt kit???Thanks john
KF70M

Date: Mon, 05 Aug 2002 17:06:19 -0700

From: Michael McCarty <k6mmc.qrp@thehunted.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [131576] Re: Porta Paddle delivery

Message-ID: <5.1.1.6.0.20020805165558.00b818c0@localhost>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

Received my Porta-Paddle in the mail today. Excellent workmanship, I'm looking forward to using it tonight. Thanks Doug!

73,
Michael, K6MMC

At 12:09 PM 8/5/2002, Doug Hauff wrote:

>Subject: Porta Paddle delivery
>
>
> > Hello Doug,
> > It is Sunday afternoon and I just found this neat small paddle on your
> > website.
> > If I mail a check tomorrow, when may I expect to receive my paddle?
> > Tnx es 73
> > Bill Penhallegon W4STX
> > Clearwater, Florida
>
>Hi Bill,
>
>Well I have at this moment 10 more I am assembling today, 8 are sold,
>leaving two...but I have another 40 in the pipeline, should be back from the
>anodizer and ready to assemble by Monday, so figgering a few days for the
>Post Office, by the end of next week or so considering your location on the
>other coast...
>
>TNX & 72,
>
>Doug KE6RIE

Date: Mon, 05 Aug 2002 20:32:52 -0400
From: John Harper AE5X <ae5x@qsl.net>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [131577] Young operator's 8Q7ZZ DXpedition - Go get 'em!
Message-ID: <000501c23ce0\$cdecabc20\$6601a8c0@JOHN>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

A 4-man DXpedition to the Maldives is currently underway and, as I type this, they are handling the pile-ups on 15 and 30m CW like a bunch of pros. What's unusual is that they are a group of teenage hams - two of them are 18

and one is 15. They are controlling the pile-up in an orderly and efficient manner and they have excellent ears. I could barely hear them on 30m (10.105) a few minutes ago but got them on the first call. That's to their credit, not mine. Sure is a good feeling to see some younger ops going at the hobby full-bore.

See their website at: <http://www.8q7zz.com/story.html>

John Harper AE5X
Outdoor QRP & 80m DXing: <http://www.ae5x.com>

Date: Mon, 05 Aug 2002 20:01:46 -0500
From: Lew Paceley <lew@paceley.com>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Cc: dave@smallwonderlabs.com, lew@paceley.com
Subject: [131578] Rock Mite Delight!
Message-ID: <008801c23ce4\$d6951620\$6501a8c0@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

My Rock Mite arrived today and this short poem popped from my head:

I will Rock into the night,
Distant waves sent with my Mite.
Morse code heard at the speed of light,
Thank SWL - my smile's _so_ bright!

Plan to work on it this week - can't wait! Thanks again Dave.

72/73,
Lew
N5ZE

Date: Mon, 5 Aug 2002 20:06:32 -0500
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: <qrp-1@lehigh.edu>
Subject: [131579] 10AA battery holder?

Message-ID: <063401c23ce5\$810f5c00\$4e100a0a@rohredt2000>

Someone posted about a source for a 10AA battery holder maybe a month ago?

does anyone still have that URL?

Thanks and 72,

Stuart K5KVH

Date: Mon, 5 Aug 2002 18:27:39 -0700

From: Conrad Weiss <radman@best.com>

To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>,
"Stuart Rohre" <rohre@arlut.utexas.edu>

Subject: [131580] RE: 10AA battery holder?

Message-ID: <01C23CAD.C89657A0@209-162-48-185.thegrid.net>

Stuart,

I believe you're thinking of, Larry/WD3P who posted that info. The body of his post is attached below...

Best,

Conrad Weiss

NN6CW

From: WD3P

Since I've had two requests on where I get my 10 cell AA battery holders I thought I'd pass along the URL to the group - there must be others wondering as well.

<http://thomas-distributing.com/index.htm>

I've also been getting the NiMH batteries there as well.

73 de Larry.....WD3P in MD

<http://www.wd3p.net/>

From: Stuart Rohre[SMTP:rohre@arlut.utexas.edu]

Sent: Monday, August 05, 2002 6:07 PM

To: Low Power Amateur Radio Discussion
Subject: 10AA battery holder?

Someone posted about a source for a 10AA battery holder maybe a month ago?
does anyone still have that URL?

Thanks and 72,
Stuart K5KVH

Date: Mon, 5 Aug 2002 18:36:07 -0700
From: George Fremin III - K5TR <geoiiii@kkn.net>
To: Tracy Markham <tracy@bytemark.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [131581] Re: QRP-Lmers
Message-ID: <20020806013607.GG32475@kkn.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

On Mon, Aug 05, 2002 at 04:02:37PM -0700, Tracy Markham wrote:
> Some time ago I stuck that word in a thank you to the group. It's kinda
> stuck on me, grown in.
>
> I like the term QRP-Lmer. It gave me a thought.
>
> What if there were a page up somewhere, with a list of 'QRP-Lmers' and their
> specialties, and a form where one could type in a question, and the QRP-Lmer
> (if he chooses) could respond. I say use a form so that we're not posting
> emails on pages for the guys to get spam-slammed.

eham has fourms like this - it would seem like a great place
to do this sort of thing.

www.eham.net

--
George Fremin III - K5TR
geoiiii@kkn.net
<http://www.kkn.net/~k5tr>

Date: Mon, 5 Aug 2002 18:52:31 -0700

From: "Jerry Parker" <qrpradio@charter.net>
To: <qrp-1@lehigh.edu>
Subject: [131582] NorCal's URL
Message-ID: <00be01c23ceb\$edc53260\$36f5cd18@charterpipeline.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Webmasters and viewers please update your links to the NorCal site to:

<http://www.norcalqrp.com>

Thanks and 72,,,Jerry,,,WA6OWR...k

Date: Mon, 5 Aug 2002 22:32:34 -0400
From: Rick McKee <kc8aon@juno.com>
To: qrp-1@lehigh.edu
Subject: [131583] Re: Performance of AEA or MFJ Loop.
Message-ID: <20020805.224627.8958.2.kc8aon@juno.com>

Cons versus the MFJ unit:

1) Hasn't been made in years. Good luck finding one.

They still list them on their website, they show one that is 10 thru 20 meters, and one that will go to 40 meters. They also show some models that have auto tuning units !

Rick McKee, KC8AON
Willow Wood, Ohio
QRP - Do more with less !

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<http://dl.www.juno.com/get/web/>.

Date: Mon, 5 Aug 2002 22:52:13 -0400

From: "Thomas Tate" <t.r.tate@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [131584] Re: Slinky Supplies
Message-ID: <009901c23cf4\$49890b00\$9e88f143@r.tate>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks for the heads up guys. Picked up a couple today.
They measure 2.75 " or 7cm outside diameter.

73

Tom WA7NPX

----- Original Message -----

From: "Kenneth Hoglund" <hoglund@wfu.edu>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Monday, August 05, 2002 8:36 AM
Subject: Re: Slinky Supplies

> Alex wrote:

>

> > Thanks for the tip! Do you know what the diameter of these slinkies are?

> >

>

> Alex and Gang--

>

> Of course I had to open several boxes to confirm they were steel :-)

>

> Judging from the space they took on my palm, diameter was 3 inches plus or
> minus.

>

> 73

> Ken KG4FGC

>

Date: Mon, 05 Aug 2002 23:04:09 -0400
From: David J Adams <david@theadamsclan.com>
To: kc8aon@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [131585] Re: Performance of AEA or MFJ Loop.
Message-ID: <3D4F3CA9.7040300@theadamsclan.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed

Content-Transfer-Encoding: 7bit

To clarify....the AEA unit hasn't been made in years (hence use of the phrase versus the MFJ...not my best turn of english phraseology, I'll admit). The MFJ unit is indeed still available, and the deluxe models have autobandswitching (though not auto-tuning to the exact freq if I recall).

73 de dave, n9uxu

Rick McKee wrote:

>Cons versus the MFJ unit:

>1) Hasn't been made in years. Good luck finding one.

>

>They still list them on their website, they show one that is 10 thru 20
>meters, and one that will go to 40 meters. They also show some models
>that have auto tuning units !

>

>

> Rick McKee, KC8AON

> Willow Wood, Ohio

>QRP - Do more with less !

>

>

>

>-----
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><http://dl.www.juno.com/get/web/>.

>

>

>

Date: Mon, 5 Aug 2002 23:05:14 -0400

From: "ss lyon" <sslyon@megalink.net>

To: "chat qrp" <qrp-l@lehigh.edu>

Subject: [131586] Rock Mite Nite?

Message-ID: <004301c23cf6\$165b51a0\$aac7e742@megalink.net>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Got back too late for Rock Mite Spartan (R.M.S.) dang it. Sure hope we can muster another occasion to "let the dogs out" cuz mines chomping at the coax. Will check out Rods Rock Mite Site to see what experiences the chatter turns up. Next opportunity from here will be Wed. nite if anyone is interested in gathering around the 7.040 watering hole.

72

AA1MY

Seabury Lyon
99 Sparrowhawk Mtn Rd
Bethel ME, 04217 U.S.A.
207-836-2576

Virus Protection by Norton and ZoneAlarm

Date: Mon, 5 Aug 2002 23:59:53 EDT
From: Wa4aos@aol.com
To: qrp-l@lehigh.edu
Subject: [131587] Re: K2 verses R 390A
Message-ID: <29.2b3ceefe.2a80a3b9@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi,

Anyone ever done real time serious comparisons between the K2 and the R 390A. I know all about the specs of the two units but just curious if anyone has done some serious A B comparisons?

The tuning mech on the R 390A is a pain but you can slide around with the BFO. The R 390A can't be stuffed in your backpack nor will it be content sucking the electrons out of a gel-cell and don't even consider running one from solar cells. Unless you have a bunch of them...

Anyone run QRP contest with a R 390A? Yea, I know all about doing more with less but nothing wrong about being a little weird...

Any thoughts???

72,
Glenn WA4AOS

Date: Tue, 06 Aug 2002 00:23:17 -0400

From: Pete Burbank <plburbank@kih.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [131588] Re: Slinky Supplies
Message-ID: <5.0.2.1.0.20020806001614.009f5ec0@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Can't resist anymore.....:-)

Stick around for the pot roast, gravy and spuds that come out of the oven
about 5 PM...local
at least here.....:-)
73
Pete
NV4V Ky

Date: Tue, 6 Aug 2002 00:18:48 -0400
From: "G. Brandon Hoyt" <preacher102677@juno.com>
To: qrp-1@lehigh.edu
Subject: [131589] I just rocked all you sapps!!!!!!
Message-ID: <20020806.003034.1208.1.preacher102677@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

CAUSE 150 mW Rules the airwaves in spartan Sprints Baby!
and that ain't no Maybe!!!!!!
Got two contacts!!!!!!
First time on the air, Spartan Sprint!!!
Oh, yeah!!!!!!
SMK-1 rulez!!!

LIC,
G. Brandon Hoyt "Known far and Wide as the Great Pumpkin"
Philosopher, Photographer, Preacher, Pirate, Poet.
DE KG4GVL Clear

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Date: Mon, 5 Aug 2002 22:36:01 -0700
From: "Doug Hendricks" <ki6ds@dospalos.org>
To: "qrp-1" <qrp-1@lehigh.edu>
Cc: "'Gentleman Jim Cates'" <wa6ger@aol.com>
Subject: [131590] QRPacificon Building Contest Announcement
Message-ID: <005901c23d0b\$35074a40\$1fa3ad40@DOUG>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Friday night of QRPacificon, Oct. 19th, we are going to have the ROCK MITE NITE, which will involve teams of 4 QRPers building and operating Rockmites. But we also want to have an event that everyone can participate in, even if they can't come, so we have decided, at the suggestion of Dan Tayloe, to have VX0 Building Contest. This contest will be held on Saturday night, October 20th, at the NorCal QRP Hospitality room at the Sheraton Hotel in Concord, CA. The purpose is to see who can get the greatest frequency swing out of a VX0 for 40 meters and 20 Meters. Here are the rules:

1. The entry must be a VX0, NOT a VF0, and it will be tested for Frequency Swing and Stability.
2. The entry must use the following parts: 1SV149 Varicap diode, 78L08 voltage regulator, 2.1 mm power jack and 1 or more 7.040 NorCal Crystals for 40 meters and 1 or more 14.060 crystals for 20 meters.
3. Each VX0 will have a 2.1 mm power jack for power.
4. We will test each VX0 by plugging it in to a 12V power supply provided by us.
5. Each VX0 must use a SIP socket for 1 crystal. (If you parallel more than 1 crystal, you only have to socket 1 crystal.) All entries will use the same Official NorCal Great VX0 Contest Crystal (that is stored in a Mayonaise jar in my Radio Room under lock and key until the contest) during testing.
6. Only NorCal 7.040 crystals may be used in the 40 meter VX0. (No Mixing Schemes)
7. Only NorCal 14.060 crystals may be used in the 20 meter VX0. (No Mixing Schemes)
8. There is a parts kit available from NorCal. It contains the following:
 - 1 x 7.040 Crystal
 - 1 x 14.060 Crystal
 - 2 x 1SV149 Diode
 - 2 x 78L08 Voltage Regulators
 - 2 x 2.1 mm power jack

To order the kit send \$10 to Doug Hendricks. Make check or money order out to Doug Hendricks, not Norcal. Also, send \$3 for each additional crystal ordered. Be sure to specify frequency.

Send your orders to:
Doug Hendricks
862 Frank Ave.
Dos Palos, CA 93620

9. All entries must have a schematic accompanying it.
10. We will have an overall division, (add the 2 swings together of the 20 and 40 meter VX0), and a 20 meter and a 40 meter division.
11. If you wish to enter the contest and will not be attending, it is up to you to make arrangements to have your circuit entered. Ask on the list, I am sure that plenty of guys will step forward and offer to receive your entry and make sure it gets to the contest and back to you.
12. No variable caps allowed.

Date: Mon, 5 Aug 2002 22:43:09 -0700
From: "Doug Hendricks" <ki6ds@dospalos.org>
To: "qrp-l" <qrp-l@lehigh.edu>
Subject: [131591] RE: NorCal VX0 Contest Kit
Message-ID: <006401c23d0c\$33073f10\$1fa3ad40@DOUG>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Note that the VX0 Contest kit will also include 2 3-Pin SIP sockets. Also, I didn't make it clear, but you build separate circuits for 40 and 20 meters. In other words, you build 2 separate VX0s, one on 40, and one on 20. Thanks, Doug

Date: Tue, 06 Aug 2002 01:01:45 -0500
From: Ade Weiss W0RSP <adeweiss@sd.value.net>
To: qrp-l@lehigh.edu
Subject: [131592] Re: Performance of AEA or MFJ Loop.
Message-ID: <USRQA01JFGD87CAHD62QPJG1VLF2YC0.3d4f6649@aweiss>
MIME-Version: 1.0
Content-Type: text/plain; charset="windows-1252"

Hi Alex:

QST had a test report of the MFJ back a few years. Surprisingly, it compared favorably (i.e., 0-2 S-units below) a fullwave 40m horiz. loop. The MFJ was in a second story room while the loop was up pretty nicely outside.

The report left me with the inclination to use one if circumstances ever forced me to do so.

As mentioned by others, the report noted the fact that its bandwidth is very narrow, so moving 10kHz requires retuning. But it also noted that the auto-tuner feature makes like easier.

As far as how they work, that always depends upon circumstances and what your objectives are. If you just want to make contacts on 20m, the MFJ will probably fill the bill. Then again, I had a nice long QSO on 30m with a G on the west coast of England with 10w to his MFJ. Now, that is "working out"!

72, Ade W0RSP

Date: Tue, 6 Aug 2002 03:02:27 -0400 (EDT)
From: George Gingell <k3tks@u1.abs.net>
To: s56al <s56al@yahoo.com>
Cc: GQRP@yahoogroups.com, QRP List <qrp-l@lehigh.edu>
Subject: [131593] Re: [GQRP] Re: NE612 as colpitts 4Mhz xtal osc
Message-ID: <20020806024101.P75981-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

While I do not have an exact answer for you, I would like to point out that there is a short reference article in the Current Issue of the QRP ARCI Quarterly Journal, on page 12 in the Idea Exchange. Overtone Operation with the NE602/612. It was written by Mike Branca, W3IRZ <w3irz@att.net>.

It was the result of a Question by Leon Heller, G1HSM one of the regulars on QRP-L reflector.

The example Oscillator Circuit (Fig.6) shows the following details.

Pin 8 + volts, Pin 3 Ground, Pin 6 Overtone Crystal to Ground and a 27 pF Capacitor to pin 7, Pin 7 has a 68 pF to Ground. That is a normal

configuration for the oscillator. Then they have added a .01 uF from Pin 7 to the top of a parallel connected Coil and Trimmer Capacitor that will resonate at the desired overtone frequency. The other side of the Coil and Capacitor are connected to Ground. It worked like a charm according to Leon.

I hope that this will be useful information for you and others.

We realise that not everyone subscribes to every QRP and Amateur Radio Publication, so it is of benefit to all to repeat the information in other places at times.

OBTW- I am in charge of Back Issue Sales and services for QRP ARCI.

Single Copies of Back issues are \$ 5.00 each with a postage and Handling of \$ 2.50 in the U.S. & CA.

Year Sets are \$ \$ 30.00 POSTPAID via Priority Mail in the USA/CA.

DX QRPers Please Email me for Special Quotes on the prices.

IF Joining QRP ARCI, I am allowed to make Special Offers! :^}

I can also accept payment via "PayPal" to "George Gingell,K3TKS"

<k3tks@abs.net>

QRPp Dx Tu, (C) 2002 K3TKS ARCI #4368, G-QRP #1290, RU-QRP? #2 or #72??

Sir George, The First :^}

72 ES QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
Former QRP A.R.C.I. Net Manager and CURRENT Board of Director Member.
Gingell & Company, Ltd. Small Business Telephone Systems, Handyman Services,
Commercial & Residential Locksmith Services (301) 572-6789 Office & Fax
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
Maryland Milliwatt Club QRP Reference Library, (301) 572-6789 IQRR #1,
Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -
Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

Collector of Quartz Crystals and Telegraph Keys.

Maryland Milliwatt Club QRP Reference Library, & I.Q.S.F. Donations Accepted.

RU-QRP? Club Representative, U.S. Treasurer & Founder of I.Q.S.F.

Yes, We take "PayPal" to "George Gingell" <K3TKS@abs.net>

"72" = "Wishing You Good QRP" (C) 1991 Oleg Borodin, RV3GM

On Tue, 6 Aug 2002, s56al wrote:

> Mike,
>
> 6 or 7 years ago there was an excelent article about NE612 in
> Elektor Electronics written by J. Carr. The article also offered two
> empirical equations to determine the approx. value of both
> oscillator capacitors depending on the frequency of the
> oscillations. It was stated that the values are orientational only
> and that in some cases some corrections may be necessary.
> Unfortunately I don't have the article at my hand right now but if
> you would not able to find this issue of Elektor El. please let me
> know by direct mail and I'll dig it out for you.
>
> Regards,
> S56AL, Aleks
>
>
> --- In GQRP@y..., "Mike W" <mike@c...> wrote:
> > Looking at the data sheet on the NE612 / SA612 there is mention
> > of using the L0 as a crystal oscillator, but no mention of sizing
> the
> > relevant capacitors. I want to use a 4Mhz fundamental xtal but I
> > have no idea how to choose the correct values of capacitor etc.
> > Can anyone help ?.
> > thanks Mike W, GQRP no. 11103
>
>
> === Via the mailing list of the GQRP Club www.gqrp.com ===
>
> Your use of Yahoo! Groups is subject to <http://docs.yahoo.com/info/terms/>
>
>

Date: Tue, 6 Aug 2002 00:03:10 -0700

From: "Dave Fifield" <dave@redhotradio.com>

To: <dhauff@digitalputty.com>,

"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [131594] Porta Paddle - Quick Review
Message-ID: <008601c23d17\$534b2150\$0400a8c0@AD6A>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I picked up a set of Doug Hauff's new "Porta Paddles" at the NorCal meeting on Sunday - he let us off the shipping! They sold out VERY quickly....I think I was lucky to get a set....I'm sure he could have sold 3 times as many!

I had previously seen reports about how smooth and nice to operate the Porta Paddles were and wanted to try a set for myself.

I wired them up when I got home and then tried them on first a RH20 and then a K2. They are great! They have a nice feel about them. You can set the gap for either paddle independantly and the tension for both paddles (as they share a common spring). I tried them side by side along by my Shurr paddles and, when closing my eyes, could hardly notice the difference between them (I had stuck the Porta Paddles down to the bench with some double sided tape to stop them moving around).

I am going to put this set of paddles in with my FT-817 portable gear (mainly used as a microwave IF rig these days). I'm looking forward to seeing what Doug comes up with for a rig mount for the FT-817....

Nice paddles. You will not be disappointed with them. The quality is excellent - especially the anodizing (I know Doug has had some issues with bad anodizing in the past!) - they have a nice feel and the price is right!

Cheers es 72,
Dave Fifield, AD6A

Date: Tue, 06 Aug 2002 02:57:37 -0500
From: Monty N5FC <n5fc@io.com>
To: AQR@egroups.com, qrp-l@lehigh.edu
Subject: [131595] HB: New Gizmos
Message-ID: <5.1.0.14.1.20020806025105.01e90410@mail.io.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

Hey Gang:

I've posted new projects on my "Gizmo" page, which some may find of interest:

* A Zero-Beat Tuning Aid (using an LM567 PLL and a unique power conserving circuit):

<http://www.io.com/~n5fc/zerobeat.htm>

* A QRP 1:1 Current Balun (in an Altoids tin, of course!):

http://www.io.com/~n5fc/balun_1-1.htm

* A QRP 1:4 Current Balun:

http://www.io.com/~n5fc/balun_1-4.htm

If you recently attended Austin Summerfest or the Austin QRP Club meeting, you've already put an eyeball on these babies.

Enjoy!

monty N5FC

Monty Northrup, N5FC

Austin, Texas

e-mail: n5fc@io.com

web page (ham radio): <http://www.io.com/~n5fc>

web page (home): <http://www.io.com/~maddog>

Date: Tue, 6 Aug 2002 02:14:42 -0700 (PDT)

From: Jim Cluett <w1pid@yahoo.com>

To: qrp-1@lehigh.edu

Subject: [131596] Spartan Sprint

Message-ID: <20020806091442.38216.qmail@web11607.mail.yahoo.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Great sprint! 20 was cooking. Lots of western stations. I used the MFJ Cub just for fun. Worked AA4XX who was using 100 mw. W6EU was the bix DX. Worked N0RC, now how DID he get that Rock Mite up to 20? 40 was noisy, but still active. thanks to all! Jim w1pid@arrl.net

Do You Yahoo!?
Yahoo! Health - Feel better, live better
<http://health.yahoo.com>

Date: Tue, 6 Aug 2002 05:57:38 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Monty N5FC <n5fc@io.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [131597] Re: HB: New Gizmos
Message-ID: <Pine.LNX.4.44.0208060552410.1623-100000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Just for fun I went to Monty's web page and it's a worth while experiance. He has a good digital camera or scanner and the pictures are very sharp. I was interested in the balun units and they look real good. Anyone with an automatic tuner will be interested since the balun allows using an all band antenna like the 88 foot dipole.

On Tue, 6 Aug 2002, Monty N5FC wrote:

> Hey Gang:
>
> I've posted new projects on my "Gizmo" page, which some may find of interest:
>
> * A Zero-Beat Tuning Aid (using an LM567 PLL and a unique power conserving
> circuit):
> <http://www.io.com/~n5fc/zerobeat.htm>
>
> * A QRP 1:1 Current Balun (in an Altoids tin, of course!):
> http://www.io.com/~n5fc/balun_1-1.htm
>
> * A QRP 1:4 Current Balun:
> http://www.io.com/~n5fc/balun_1-4.htm

--
Yours Truly,

- Karl F. Larsen, (505) 524-3303 -

Date: Tue, 6 Aug 2002 07:39:46 -0500
From: Karl Kanalz <kkanalz@gceecisp.com>

To: "'n5fc@io.com'" <n5fc@io.com>,
Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [131598] RE: New Gizmos - Zero Beating
Message-ID: <01C23D1C.781C62A0@KKANALZ>

Gangue,

Like Monty (N5FC), I'm also a "geezer" but I'm an *old geezer* ! For even *young geezers* with "perfect hearing", zero beat cannot be heard with any speaker or earphones that I've ever encountered. It just isn't possible with usual transducers, much less the human ear, (another transducer, by the way) !! That's where Monty's zero-beat tuning aid comes in, but rather than build another piece of equipment (there are other uses for Altoids tins, you know), you might want to try the following:

This procedure assumes you are using separate receiver and transmitter, since "transceivers" usually already have the "zero-beat" function built-in.

1. Tune the receiver to the incoming signal to the tone frequency *you* like to listen to (typically 500 to 700 Hz).
2. Turn on the "Spot" or "Zero" function of your transmitter (generates a low-level r.f. signal without radiating to the antenna).
3. Adjust the transmitter VFO/VXO/XTAL trimmer (as appropriate) toward the *receiver's* operating frequency until you hear a heterodyne (beat) between the transmitter's "Spot" signal and the receiver (which is tuned, remember, to the incoming signal frequency you like to hear).
4. As you move the transmitter closer, and closer and still closer to the received signal, you'll begin to hear a low-frequency beat note between the incoming receiver signal and your transmitter's VFO frequency.
5. As you continue to adjust the transmitter VFO (in this instance), the "beat note" between the transmitter and receiver will begin to sound like a sort of "wah-wah-wah" at a very low repetition rate. The "wah-wah-wah" will eventually become a "wah.....wah.....wah" until *finally* there is NO "wah" at all.

THAT is "zero beat" and you can actually hear this happen, even if you *are* a geezer of any age!

The procedure I've described above takes much, much longer to describe than it requires to implement in a "real" environment. After you've practiced just a couple of times, it will become instinctive and really rapid to use.

Karl K - W8TIF
McKinney, Texas

-----Original Message-----

From: Monty N5FC [SMTP:n5fc@io.com]

Sent: Tuesday, August 06, 2002 2:58 AM
To: Low Power Amateur Radio Discussion
Subject: HB: New Gizmos

Hey Gang:

I've posted new projects on my "Gizmo" page, which some may find of interest:

* A Zero-Beat Tuning Aid (using an LM567 PLL and a unique power conserving circuit):

<http://www.io.com/~n5fc/zerobeat.htm> <snip>

Date: Tue, 6 Aug 2002 07:28:06 -0600
From: "Rod N0RC" <rod@n0rc.us>
To: <w1pid@yahoo.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [131599] Re: Spartan Sprint
Message-ID: <004f01c23d4d\$19ee29d0\$6501a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Jim,

----- Original Message -----

From: "Jim Cluett" <w1pid@yahoo.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Tuesday, August 06, 2002 3:14 AM
Subject: Spartan Sprint

> Great sprint! 20 was cooking. Lots of western
> stations. I used the MFJ Cub just for fun. Worked
> AA4XX who was using 100 mw. W6EU was the bix DX.
> Worked N0RC, now how DID he get that Rock Mite up to
> 20?

He didn't! ;-)

I start out on 40 but no action, went to 20m with my NC20 at 2W. Then, went back to 40 later on.

73, Rod N0RC

Date: Tue, 6 Aug 2002 08:42:46 -0500
From: "Jeff Davis" <ke9v@att.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [131600] More Spartan Sprint
Message-ID: <004701c23d4f\$267a1180\$49ec540c@CLDE000000MHS4G>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

These monthly sprints are a blast. I had a good time making 26 Qs on 40 and 20 meters. I snagged Brian, K7RE at his new QTH in SD and worked Dean, KH6B on Hilo for the second time in the last three Spartan Sprints!

I heard AA4XX from Topsail Island with 100mW but I guess he didn't hear me.

Thinking about the hours of operation and the propagation for the upcoming winter season, maybe someone should organize a "RedEye Sprint" that runs from 3am to 5am East coast time, eh?

Thanks to all for the Qs and the fun. See you next month!

72-Jeff, KE9V

Date: Tue, 6 Aug 2002 06:48:11 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: "G. Brandon Hoyt" <preacher102677@juno.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [131601] I Just Put You In My Kill File! (Was: I just rocked all you sapps!!!!!!)
Message-ID: <Pine.BSI.3.96.1020806064618.17087A-100000@usr01.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 6 Aug 2002, G. Brandon Hoyt wrote:

> CAUSE 150 mW Rules the airwaves in spartan Sprints Baby!

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks,

Wouldn't you know it. You can count on one hand the number of times it has rained here in CO the last several months. And you can count on one finger the number of thunderstorms. You guessed it, thunderstorms in the area last night!!! (Could Rock-Mites somehow have mystical rainmaking properties?) Oh well we needed the rain.

I did try calling CQ on 40 with the "Rocky Mt. Rock-Mite"
<http://www.frii.com/~rwc/r-m/>, from 0100-0115, no takers. So I dropped down to 20m for about 45 min. Made 12 QSOs with my NC20 at 2W. Then went back to 40m. Made 4 QSOs with the Rock-Mite: TX, UT, and 2 in CO (Denver area). Conclusion:

40m is not a good Summer band, generally noisy.
40m is not a good summer band with T'storms in the area, static crashes.
40m is not a good Summer band when you have a compromise antenna: short, low and in the attic!

Despite all those disadvantages, I still managed those 4 QSOs with the Rock-Mite, proving its viability. For now I'll use the Rock-Mite late at night when 40m is relatively quiet. But during the coming winter months, "Rocky" will get a few more runs at the ARS SP.

73, Rod N0RC

----- Original Message -----

From: "Rod N0RC" <rod@n0rc.us>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Monday, August 05, 2002 11:48 AM

Subject: Rock-Mite Night/ARS SP!!!

> Tonight's the night, the first Monday of the month and its ARS SP time.

> I'll be running the entire sprint with my Rock-Mite, please listen and

> give me a call, I'll be down around 7039. I'm going to start out with a

Date: Tue, 06 Aug 2002 11:24:59 -0400
From: Ray Sills <raysills@1stconnect.com>
To: QRP list <qrp-l@lehigh.edu>
Subject: [131603] Re: New Gizmos - Zero Beating
Message-ID: <B9756247.12CCF%raysills@1stConnect.com>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Hi Gang:

What Karl has described is true "zero beating"... tuning a signal with reference to another so that the "wah-wah-wahs" (the beats) reduce so as to disappear.. meaning -zero- beating. Similar techniques are used by people who tune pianos, only in that case, some beats (of a certain repetition rate) are allowed on certain musical intervals so as to correctly temper the tuning (pianos use "equal" temperment) so that the piano will sound "in tune" regardless of which musical key signature is being used.

73 de Ray

> From: Karl Kanalz <kkanalz@gcecispc.com>

> Gangue,

> Like Monty (N5FC), I'm also a "geezer" but I'm an *old geezer* ! For even
> *young geezers* with "perfect hearing", zero beat cannot be heard with any
> speaker or earphones that I've ever encountered. It just isn't possible
> with usual transducers, much less the human ear, (another transducer, by
> the way) !! That's where Monty's zero-beat tuning aid comes in, but rather
> than build another piece of equipment (there are other uses for Altoids
> tins, you know), you might want to try the following:

>

> This procedure assumes you are using separate receiver and transmitter,
> since "transceivers" usually already have the "zero-beat" function
> built-in.

>

> 1. Tune the receiver to the incoming signal to the tone frequency *you*
> like to listen to (typically 500 to 700 Hz).
> 2. Turn on the "Spot" or "Zero" function of your transmitter (generates a
> low-level r.f. signal without radiating to the antenna).
> 3. Adjust the transmitter VFO/VXO/XTAL trimmer (as appropriate) toward the
> *receiver's* operating frequency until you hear a heterodyne (beat)
> between the transmitter's "Spot" signal and the receiver (which is tuned,
> remember, to the incoming signal frequency you like to hear).

> 4. As you move the transmitter closer, and closer and still closer to the
> received signal, you'll begin to hear a low-frequency beat note between the
> incoming receiver signal and your transmitter's VFO frequency.
> 5. As you continue to adjust the transmitter VFO (in this instance), the
> "beat note" between the trans-mitter and receiver will begin to sound like
> a sort of "wah-wah-wah" at a very low repetition rate. The "wah-wah-wah"
> will eventually become a "wah.....wah.....wah" until *finally* there
> is NO
> "wah" at all.
>
> *THAT* is "zero beat" and you can actually hear this happen, even if you
> *are* a geezer of any age!
>
> The procedure I've described above takes much, much longer to describe than
> it requires to implement in a "real" environment. After you've practiced
> just a couple of times, it will become instinctive and really rapid to use.
>
> Karl K - W8TIF
> McKinney, Texas
>

Date: Tue, 6 Aug 2002 11:42:45 -0400
From: kwiike@gdls.com
To: qrp-l@lehigh.edu
Subject: [131604] Michigan QRP Net tonight
Message-ID: <0F7654F7D8.3D10C3C6-0N85256C0D.005612BC@gdls.com>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

The Michigan QRP net meets each Tuesday night at 9:00 PM Eastern time on
3.535 MHz. All hams are welcome.

Ed AB8DF Waterford, MI

Date: Tue, 06 Aug 2002 15:50:37 +0100
From: Chuck Adams <k7qo@earthlink.net>
To: qrp-l@lehigh.edu
Subject: [131605] Rock-Mite Update
Message-ID: <5.1.0.14.0.20020806152416.00a01ec0@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Gang,

I am adding photos and steps on

<http://www.qsl.net/k7qo/rocky1.html>

to aid beginners in building one of these puppies.

Over the years there were a number of Elmer projects that used the Pixie-I and Pixie-II to help beginners. I was never a fan of this for many reasons. The main one being the receiver wasn't going to be that sensitive and selective.

The Rock-Mite at \$25 with a built-in keyer and a hot receiver with good selectivity is going to help a lot more beginners IMHO. But if one can afford the additional funds then the SWL-40+ is even a much better deal even though you have to use an external keyer. Maybe someone can talk Dave into the addition of the keyer after he gets through the pile of orders for the Rock-Mite and the development of the DSW-2 series, The kid is busy with more projects than most of us do in a lifetime. :-) Dave --- Don't burn yourself out.....

Going back to the Pixie's. How many of the beginners that built one of these is still with us? Did they get frustrated and quit? I'd be willing to wager that 90 per cent or more of these are in a drawers some where collecting dust bunnies. It was OK for a weekend project to learn something but they seem to have a short life span.

I'm not saying the Rock-Mite is going to be easy on the air either. At 200mW to 700mW depending upon power supply, etc. you are in the realm of QRPp and for those of us that have been there for some time --- we'll all tell you that you had better have an antenna that is more than a dummy load. 'Cuz at QRPp levels life isn't a bed of roses..... :-) But the rewards are fantastic.

Like every one else, I have to get on late due to thunderstorms almost daily in the area. So everyone listen on 40 meters late at night for those tiny little signals until Winter when all of us can get on early. My paddle sending ability has increased with the sending of CQ without getting an answer. I'll bet if I send random code groups for code practice that no one would hear me. Think I'll do that late tonight. Listen for the "beacon".

I measured my rig as being on 7.042MHz and an output at 250mW. Later I'll work on removal of the diode from the B+

line to get a little more power out.

FYI and I am not an employee of SWL nor do I get a kick-back,

Signal at 10MST (we don't do DST in AZ), (say 0500UTC) for tonight,

Chuck Adams, K7QO CP-60 k7qo@earthlink.net
<http://www.qsl.net/k7qo>

Moving to Arizona? --- Bring your own water, please.

Date: Tue, 6 Aug 2002 09:57:00 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Jim Cluett <w1pid@yahoo.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [131606] Re: Spartan Sprint
Message-ID: <Pine.LNX.4.33.0208060955410.30961-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I jumped into the Spartan Sprint for the first time last night...2 hours later I had made 2 contacts; one on 40 and one on 20 mtrs...we're always at the mercy of 'ol Mother Propagation...hihi...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Tue, 6 Aug 2002 11:39:33 -0500
From: "Tim, N9PUZ" <n9puz@arrl.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [131607] Re: Rock-Mite Update
Message-ID: <200208061633.LAA13401@steel.eosinc.com>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

On Tue, 06 Aug 2002 15:50:37 +0100, Chuck Adams wrote:

>I am adding photos and steps on
><http://www.qsl.net/k7qo/rocky1.html>
>to aid beginners in building one of these puppies.

Even though I'm not a beginner I found the photos interesting=
while
waiting for my Rock Mite to arrive. It showed up yesterday=
afternoon
and the board was assembled last night. Need to collect up a few=
pieces to mount it this afternoon.

>Going back to the Pixie's. How many of the beginners that built=
one
>of these is still with us? Did they get frustrated and quit?
>I'd be willing to wager that 90 per cent or more of these are in=
a
>drawers some where collecting dust bunnies. It was OK for a=
weekend
>project to learn something but they seem to have a short life=
span.

It seems like it should be straightforward to poll some of the=
people
who took the courses online, there should be call signs and email=
addresses somewhere.

>I'm not saying the Rock-Mite is going to be easy on the air=
either.
>At 200mW to 700mW depending upon power supply, etc. you are in=
the
>realm of QRPp and for those of us that have been there for some=
time
>--- we'll all tell you that you had better have an antenna that=
is
>more than a dummy load. 'Cuz at QRPp levels life isn't a bed=
of
>roses..... :-) But the rewards are fantastic.

Perhaps the Elmer series needs to have them make a simple LED SWR=
bridge and a wire antenna that's proven in addition to a radio.

>sending of CQ without getting an answer. I'll bet if I send=
random
>code groups for code practice that no one would hear me. Think=
I'll
>do that late tonight. Listen for the "beacon".

<grin> Just do something you're not supposed to... the response=
will
be better!

>I measured my rig as being on 7.042MHz and an output at 250mW.
>Signal at 10MST (we don't do DST in AZ), (say 0500UTC) for=
tonight,

If I'm still up I'll give a listen (Mine will be the really rusty=
CW
fist.)

Tim N9PUZ

Date: Tue, 6 Aug 2002 13:15:43 -0400
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: <qrp-l@lehigh.edu>
Subject: [131608] RE: ARRL Antenna Book 19th Edition
Message-ID: <721D3436A7C2B344A301FD4A413C71A91AC06D@kosh.ARRLHQ.ORG>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

> Be aware that Walt Maxwell's book on Reflections was withdrawn=20
> from publication at ARRL but the .pdf available on the=20
> members ARRL web page of his Reflections is available and=20
> while very difficult to read does prove the point that reflected=20
> energy from the antenna mis-match is not lost.=20

The QST reprints are at <http://www.arrl.org/tis/info/reflections.html>, =
as one of the members-only articles.

The book is even better. ARRL chose not to publish it any longer, =
primarily due to diminished sales. However, it is being printed by =
Worldradio Books and is available from them or from the ARRL catalog. =
See <http://www.arrl.org/catalog/?category=3D&words=3Dreflections> for =

more information.

73,=20
Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111
Tel: 860-594-0318
Internet: w1rfi@arrl.org
Web: <http://www.arrl.org/tis>

> -----Original Message-----
> From: Karl F. Larsen [mailto:k5di@zianet.com]
> Sent: Monday, August 05, 2002 1:49 PM
> To: Hare,Ed, W1RFI
> Cc: Low Power Amateur Radio Discussion; Straw, Dean, N6BV;=20
> Carman, Jan,
> K5MA
> Subject: RE: ARRL Antenna Book 19th Edition
>=20
>=20
>=20
> Hi Ed, my pleasure meeting you at Fort Tuthill! I wrote about=20
> the same=20
> thing to the feedback e-mail address. I'm not alone in hoping some of=20
> the tried and good QRP antenna's could be shown in later=20
> issues of the=20
> Antenna Book.=20
>=20
> Be aware that Walt Maxwell's book on Reflections was withdrawn=20
> from publication at ARRL but the .pdf available on the=20
> members ARRL web=20
> page of his Reflections is available and while very difficult to read=20
> does prove the point that reflected energy from the antenna=20
> mis-match is=20
> not lost.=20
>=20
> A very nice Ham sent me a photo-copy of the paper Walt Maxwell=20
> referenced for explanation of Conjugate Match "Very High-Frequency=20
> Techniques" Volume 1, shows the guys at Harvard in 1948 were just=20
> learning to use the Smith Chart! I can't say it is very good. Hard to=20
> follow the RX Charts they used then....:-)
>=20
> Will be using work performed by L. B. Cebik W4RNL that shows the=20
> 44 foot antenna has a good radiation characteristics too at the=20
> Albuquerque NM Hamfest on August 24th 2002. LB has given me=20

> permission=20
> to use his data. =20
>=20
>=20
> On Mon, 5 Aug 2002, Hare,Ed, W1RFI wrote:
>=20
> > I will pass this post along verbatim to the ARRL Antenna=20
> Book Editor and the Book Team Supervisor.
> >=20
> > 73,=20
> > Ed Hare, W1RFI
> > ARRL Lab
> > 225 Main St
> > Newington, CT 06111
> > Tel: 860-594-0318
> > Internet: w1rfi@arrl.org
> > Web: <http://www.arrl.org/tis>
> >=20
> >=20
> > > -----Original Message-----
> > > From: Karl F. Larsen [mailto:k5di@zianet.com]
> > > Sent: Friday, August 02, 2002 8:13 AM
> > > To: Low Power Amateur Radio Discussion
> > > Subject: ARRL Antenna Book 19th Edition
> > =20
> > > I have the loan of this version of the Antenna Book. To my=20
> > > surprise the antenna which caused me to get interested in all the=20
> > > reflections calculations is not in this issue at all.
> > >=20
> > > The tone of the book is very high power, why you need a good=20
> > > matched feed line when running 1500 watts (it might catch fire).
> > >=20
> > > The 88 foot antenna center fed with 450 ohm windowed ribbon is=20
> > > not in the book. At 1500 watts this antenna might catch fire,=20
> > > but at 100=20
> > > watts it works fine.
> > >=20
> > > There is a wealth of information out there on web sites that=20
> > > talk to this antenna. The one that's best is=20
> > >=20
> > >=20
> > > <http://www.cebik.com/88.html>=20
> > >=20
> > > =20
> > > We QRP operators need to be heard by the author of the Antenna=20
> > > Book and acknowledge that some antenna's that work well at 5=20
> > > watts will=20
> > > not work at 1500 watts, but are worth including in the book.

> > >=20
> > > --=20
> > > Yours Truly,
> > >=20
> > > - Karl F. Larsen, (505) 524-3303 -
> > >=20
> >=20
>=20
> --=20
> Yours Truly,
>=20
> - Karl F. Larsen, (505) 524-3303 -
>=20
>=20

Date: Tue, 6 Aug 2002 13:23:31 -0400
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "KENNETH ROBERT MCGUIRE" <at902@tcnet.org>
Cc: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [131609] RE: ARRL Section News
Message-ID: <721D3436A7C2B344A301FD4A413C71A91AC06E@kosh.ARRLHQ.ORG>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

> Why is a grant of money from the FEDERAL government to the NATIONAL
> association for Amateur Radio used only to pay the fees for=20
> people living
> in CT? Now, since I have already taken the class, I have no monetary
> interest in this, but it seems bizare that this program will=20
> be only to
> the benefit of one state against all others who can not even take the
> online class until this CT thing is done.

The funding for the Connecticut-hams only classes is NOT coming from the =
federal grant. ARRL received a separate grant from United Technologies, =
a Connecticut-based company, specifically for training of Connecticut =
students. =20

See <http://www.arrl.org/news/stories/2002/06/18/3/?nc=3D1>

The details of the necessary reporting and accounting for the federal =
grant are still being worked out with the appropriate agency, so there =
is currently no waiting list for the national program that is soon to =

follow.

73,=20
Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111
Tel: 860-594-0318
Internet: w1rfi@arrl.org
Web: <http://www.arrl.org/tis>

> -----Original Message-----
> From: KENNETH ROBERT MCGUIRE [mailto:at902@tcnet.org]
> Sent: Monday, August 05, 2002 1:38 PM
> To: Hare,Ed, W1RFI
> Cc: Low Power Amateur Radio Discussion
> Subject: RE: ARRL Section News
>=20
>=20
> On Mon, 5 Aug 2002, Hare,Ed, W1RFI wrote:
>=20
> > > That \$181,000 grant from the government for Emergency
> > > Communication...will
> > > the members be told what it is being spent for?
> >
> > They already have been told; although there are still a few=20
> details to
> > be worked out with the Feds (reporting requirements, etc),=20
> in essence,
> > the money will be used to pay the course fees so people can take the
> > Level 1 emergency communications course.
>=20
> This may be a stupid question, but it seems to be an obvious=20
> question I
> have not seen asked, let alone answered...
>=20
> Why is a grant of money from the FEDERAL government to the NATIONAL
> association for Amateur Radio used only to pay the fees for=20
> people living
> in CT? Now, since I have already taken the class, I have no monetary
> interest in this, but it seems bizare that this program will=20
> be only to
> the benefit of one state against all others who can not even take the
> online class until this CT thing is done.
>=20
> Ken McGuire, KC8LTL

> at902@tcnet.org
> ARRL Member (Life Member pending)
>=20

Date: Tue, 6 Aug 2002 11:30:08 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: qrp-1@lehigh.edu
Subject: [131610] End fed wire antenna
Message-ID: <Pine.LNX.4.44.0208061114001.2566-100000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I just got up, not very high, like 20 feet, my 44 foot wire fed with 300 ohm Radio Shack ribbon, about 30 feet. I got it up in time to check into the High Noon net and the net control said I'm much stronger than usual. This was on 7.240 MHz

On 20 meters it seems there is a lot of RF in the shack and it got into the mike. So some sort of ground is needed on this band. On 17 meters it didn't seem to be very open. I heard some guys but could not break in. On 15 meters I talked to Argentina to a guy who has no english and we conversed in spanish. Ten meters loaded up fine but no signals were heard.

My first opinions are that this antenna will work fine for someone who is living in a small apartment and can get to the roof to put up the 44 foot wire and snake the 300 ohm ribbon through a window to your station.

I think the center fed antenna will work better however.

--
Yours Truly,

- Karl F. Larsen, (505) 524-3303 -

Date: Mon, 5 Aug 2002 23:06:03 -0700
From: "Doug Hendricks" <ki6ds@dph.dpol.net>
To: <qrp-1@lehigh.edu>
Subject: [131611] NorCal VX0 Contest
Message-ID: <011701c23d0f\$5b3fb220\$4a0b0d0a@dph.dpol.net>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guys, I want to encourage you to post sites on the net that cover VXO's. I think that this is an area where we might do some valuable research that will directly affect QRPers. Would love to see some discussion as to what your favorite VXO circuit is for pulling crystals. This is the kind of thing that makes this list great!! There are several crystal controlled rigs out there that would be neat to be able to get more coverage out of. They are simple and inexpensive to build.

Here are some URL's to get the discussion started:
<http://www.alphalink.com.au/~parkerp/vxo.gif>
<http://www.qsl.net/7n3wvm/supervxo.html>
<http://superbaby.com/jj1slw/qrp-e.htm>

I am sure others can come up with more. Why are we using a 1SV149 Varactor in the contest? Well, variable caps are getting harder and harder to find, and this Varactor provides good capacitance swing.

We are using the NorCal crystals for consistancy, so that everyone is on the same playing field.

Other discussion??? 72, Doug

Date: Tue, 6 Aug 2002 15:33:31 -0400
From: "Jim Stamper" <jstamper@shentel.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [131612] Spartan Sprint Condx
Message-ID: <003b01c23d80\$266310d0\$1f396fcc@jim>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Last night in the Shenandoah Valley conditions on 40 were better for me than they have been all summer. On my SW-40 I could always hear somebody calling CQ SP or the equivalent. I did not put in new AA batteries since the last Spartan Sprint so I was probably running less than the watt I get out with a fresh set but I was pleased that right many (for me) could hear and work me.

The old droopy vee will come down tomorrow morning if it is as cool as it is today (74 F.) to be replaced by a horizontal loop strung around the back

yard. Length will be 350-400 ft. I am anxious to see if there is much improvement.

73,
jim-
KG4LDY

Date: Tue, 6 Aug 2002 15:41:28 -0400
From: "Ronald A Pfeiffer" <Ronald_A_Pfeiffer@raytheon.com>
To: qrp-1@lehigh.edu
Cc: neqrp@jona1.net
Subject: [131613] NO NO NEQRP SSB NET tonight
Message-ID: <0F264293A7.FE696F68-0N85256C0D.006BF8CC@and.us.ray.com>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

Due to my companies downsizing activities, I must pass on tonight's net.

Does not stop you from chatting!!!!

Hear you all next week.

Ron - N1ZSW

Date: Tue, 06 Aug 2002 19:54:55 +0000
From: Garie Halstead <k8kfj@ntelos.net>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [131614] Spartan Sprint from WV
Message-ID: <3D4FE33F.1D45F848@ntelos.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

ARS SPARTAN SPRINT DUPESHEET

Page 1 of 1

Callsign: K8KFJ
Band: 40
Total QSOs: 9

```

=====
K3ESE   MD   3W
K8CV    MI   5W
K8HJ    MI   5W
KA3WMJ  PA   3W
KG8GW   WV   5W
N3AO    PA   5W
N4HAY   NC   5W
W3KC    MD   5W
WB8RTJ  OH   5W

```

ARS SPARTAN SPRINT DUPESHEET

Page 1 of 1

```

  Callsign: K8KFJ
    Band: 20
Total QSOs: 10

```

```

=====
K5JHP   TX   5W
K7RE    SD   5W
K7TQ    ID   2W
K8CV    MI   5W
N6HI    AZ   5W
N7LT    MT   5W  <--- bent my s-meter :-)
NJ4X    UT   5W
W5YR    TX   5W
W6EU    CA   5W
WA8ZBT  TX   1W

```

Many thanks to those who worked me and the 14 SPC's.

72 //Gary -K8KFJ-

Date: Tue, 6 Aug 2002 13:33:15 -0700 (PDT)
From: Bill ROWLETT <kc4atu@yahoo.com>
To: k5di@zianet.com,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [131615] Re: End fed wire antenna
Message-ID: <20020806203315.2752.qmail@web14202.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

When you live in an apartment or condo, you do not have to get the random wire outside. Yes it will play better, but from my experience, indoors works just fine.

Ran a 70 foot random wire from the back of the tuner up the wall and around the room. loaded up just fine on 10 to 80 meters. Had 2 counter poise wires, one cut for 80 and one cut for 40, connected to the ground post on the tuner. Reason for the two different lengths on the c.p. wires was due to the fact that is what fit the space in the two directions they were laid in.

Had no rf problems from this setup. Only interference I had was when I keyed the 2 meter HT, the smoke alarm sounded. It stoped when I unkeyed.

The indoor setup will work better for those on the second floor and up. First floor will work, just a little tougher.

To those in apartments and conds, give the indoor random wire a try.

73 Bill kc4atu

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<http://health.yahoo.com>

Date: Tue, 6 Aug 2002 13:37:05 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [131616] QST Article Assistance
Message-ID: <Pine.BSI.3.96.1020806133248.23869A-100000@usr01.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

If anyone out there has the CDRom set for QST, I would like to obtain a copy of an article from February 1993:

Makhinson, Jacob (N6NWP), "A High-Dynamic-Range MF/HF Receiver Front End," QST, Feb 1993, pp. 23-28 (see Feedback, QST, Jun 1993, p. 73).

I have a copy of this plus the feedback that was made from microfilm at the university some years ago, but the quality of the copy is such that it gives me a headache to try reading it.

Chris

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High Performance Mixers and
Amplifiers for RF Communications

Chris Trask / N7ZWY
Principal Engineer
Sonoran Radio Research
P.O. Box 25240
Tempe, Arizona 85285-5240

IEEE Member #40274515

Email: ctrask@primenet.com
<http://www.primenet.com/~ctrask>

Graphics by Loek Frederiks

Date: Tue, 6 Aug 2002 16:55:23 -0400
From: "W2WU" <w2wurjj@verizon.net>
To: <kc4atu@yahoo.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [131617] End fed wire antenna coupling
Message-ID: <001c01c23d8b\$9946d5e0\$71c2fea9@w2wu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I question the effects of coupling R.F. to a.c. power, cable T.V., telephone risers & that of faraday shielding from steel structures. Feedback please.
73, Ron W2WU

----- Original Message -----

From: Bill ROWLETT <kc4atu@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: 06 August, 2002 16:33
Subject: Re: End fed wire antenna

> When you live in an apartment or condo, you do not
> have to get the random wire outside. Yes it will play
> better, but from my experience, indoors works just
> fine.
>
> Ran a 70 foot random wire from the back of the tuner
> up the wall and around the room. loaded up just fine
> on 10 to 80 meters. Had 2 counter poise wires, one cut
> for 80 and one cut for 40, connected to the ground
> post on the tuner. Reason for the two different
> lengths on the c.p. wires was due to the fact that is
> what fit the space in the two directions they were
> laid in.
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> Had no rf problems from this setup. Only interference
> I had was when I keyed the 2 meter HT, the smoke alarm
> sounded. It stoped when I unkeyed.
>
> The indoor setup will work better for those on the
> second floor and up. First floor will work, just a
> little tougher.
>
> To those in apartments and conds, give the indoor
> random wire a try.
>

> 73 Bill kc4atu

>

>

> -----
> Do You Yahoo!?

> Yahoo! Health - Feel better, live better

> <http://health.yahoo.com>

>

Date: Tue, 06 Aug 2002 17:34:23 -0400

From: aluscre <aluscre@neo.rr.com>

To: ae5x@qsl.net

Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>

Subject: [131618] Re: Young operator's 8Q7ZZ DXpedition - Go get 'em!

Message-ID: <200208062132.g76LWZ600500@clmboh1-smtp3.columbus.rr.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii; format=flowed

Content-Transfer-Encoding: 7bit

I will definitely second your statement. I could barely hear them last night on 20 meter CW and they heard my 4 watts on my second try.

Also worked them earlier last week on 17 M.

John Harper AE5X wrote:

>A 4-man DXpedition to the Maldives is currently underway and, as I type
>this, they are handling the pile-ups on 15 and 30m CW like a bunch of pros.
>What's unusual is that they are a group of teenage hams - two of them are 18
>and one is 15. They are controlling the pile-up in an orderly and efficient
>manner and they have excellent ears. I could barely hear them on 30m
>(10.105) a few minutes ago but got them on the first call. That's to their
>credit, not mine. Sure is a good feeling to see some younger ops going at
>the hobby full-bore.

>

>See their website at: <http://www.8q7zz.com/story.html>

>

>John Harper AE5X

>Outdoor QRP & 80m DXing: <http://www.ae5x.com>

>

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|-----|
Anthony A. Luscre
K8ZT
Stow, Ohio
|-----|
Visit My Website at
<http://www.qsl.net/k8zt>
|-----|

Date: Tue, 6 Aug 2002 14:36:37 -0700 (PDT)
From: Bill ROWLETT <kc4atu@yahoo.com>
To: w2wurjj@verizon.net,
Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [131619] Re: End fed wire antenna coupling
Message-ID: <20020806213637.4634.qmail@web14208.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

AS I said, no problems. Now I did live in a building which was wood frame with wood siding. The plumbing was pvc. The smoke alarm was the only thing I got into. Talked to those on either side and those below me and they had no problems either.

I am now in a three story town house with the antenns in the attic. Shack is on the triird floor and feeding the same wire, a 20 meter dipole and a 6 meter halfsquare aganist an artificial ground and counter poise wires. Again, no interference problems to speak of. I have an old Sony TV in the kitchen which goes nuts at times when I an on the air. The people around are not having any problems either.

Power levels in the condo were 2 to 3 watts fron a HW-8. In the town house they are 5 watts on hf and 8 watts on 6 meters.

Do not let an apartment, condo or town house keep you from getting on the air. It can be done and is being done by many people every day.

73, Bill kc4atu

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Date: Tue, 06 Aug 2002 17:48:32 -0400

From: David Hinerman <WD8CIV@worldnet.att.net>

To: qrp-l@lehigh.edu

Subject: [131620] Re: End fed wire antenna

Message-ID: <5.1.0.14.1.20020806174505.00a7b840@ipostoffice.worldnet.att.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

At 01:33 PM 8/6/2002 -0700, you wrote:

>When you live in an apartment or condo, you do not
>have to get the random wire outside. Yes it will play
>better, but from my experience, indoors works just
>fine.

Sadly, this isn't also true of a mobile home. So what I'm contemplating is a doublet fed with 300-ohm twin lead as far as the top edge of the home, then a 4:1 balun, then coax (probably RG-58 - we just recabled the company for ethernet and there's lots laying around) down the inside of the wall to a tuner.

Does this sound like a reasonable approach?

Dave

"You can fool some of the people all of the time. That's enough to make a living." - Lance Burton

Dave Hinerman

WD8CIV@worldnet.att.net

Date: Tue, 6 Aug 2002 18:44:47 -0400
From: "Dave Richards" <wr3i@earthlink.net>
To: <Ronald_A_Pfeiffer@raytheon.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [131621] RE: NO NO NEQRP SSB NET tonight
Message-ID: <FAEEKPCBNNDNKGMPiBKMEGPCFAA.wr3i@earthlink.net>

I will be there if any one wants to join in
Dave
WR3I

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
Ronald A Pfeiffer
Sent: Tuesday, August 06, 2002 3:41 PM
To: Low Power Amateur Radio Discussion
Subject: NO NO NEQRP SSB NET tonight

Due to my companies downsizing activities, I must pass on tonight's
net.

Does not stop you from chatting!!!!

Hear you all next week.

Ron - N1ZSW

Date: Tue, 6 Aug 2002 17:57:56 est
From: brian@iquest.net
To: David Hinerman <WD8CIV@worldnet.att.net>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [131622] Re: End fed wire antenna
Message-ID: <3d505474.d79.0@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

In 1979 I lived in a mobile home. I was not a ham, but I did have a CB and I
liked to talk to my friends on it at night....but no where to put up a decent
antenna.

My radio was an old 23 channel mobile, I ran it off a Harley battery I bought at a junkyard for \$2.00....my antenna was a K4 or something like that, mag mount that I stuck in the middle of my metal roof and ran coax in the window to my operating position.

At an honest 4 watts, I could talk to folks between Indianapolis and Terre Haute Indiana...(about 80 miles)

A neighbor was a ham....he lived in a 14 by 70, my palace on wheels was a 12 by 60.

On his roof, he had a dipole for 40m I think. One leg went from the front right corner back to the middle of the other end, the other leg went to the front left corner, back to the middle of the other end. He fed the antenna with ladderline of some sort and it must have worked because I saw and heard him using it on many occasions.

The wire was a 16ga insulated wire and he had it maybe 2 foot above the metal roof. I'd like to see that on EZ NEC. I imagine it was a cloud burner, but it got him on the air. I have no idea how much power he was running.

73 de KB9BVN

>At 01:33 PM 8/6/2002 -0700, you wrote:

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>a tuner.

>

>Does this sound like a reasonable approach?

>

>Dave

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>-----

>Dave Hinerman

>WD8CIV@worldnet.att.net

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End of QRP-L Digest 2639
